IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Gudrun E. Huckett, Patent Agent

Applicant:	Marcus Menden
Serial No:	09/869,184
U.S. Filed:	6/20/2001
For:	Illumination Method, Illumination System and the Components Thereof, Especially for Illuminating Hollow Bodies such as Signs, Inscriptions, Letters,
Examiner:	Anabel Ton
Art Unit:	2875

Commissioner for Patents
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR § 1.56, Applicant wishes to call the attention of the Examiner to the reference(s) cited on the attached form PTO-1449.

Reference 2 discloses an LED panel 1 comprised of electrically conducting structures 2, 4 that are isolated relative to one another by an isolation layer 3 and enable to connect in parallel several LED chips, that are connected to one another in groups in a serial connection, with electrical current. An optically transparent protective layer 14 can be provided which ensures the desired spatial distribution of the light emitted by the LED chips and protects the LED chips from the environment. The configuration of electrically conducting structures 2, 4, the electrically isolation 3, the LED chips 8, and the shape-stable optically transparent protective layer 14 is designed such that the LED illumination panel can be designed theoretically as large as desired with a very dense arrangement of LED chips. The panel can be divided into any suitably sized partial segment that is functional as such. The smallest functional unit 13 is shown in Fig. 2

Reference 3 discloses an illumination device comprised of a base surface 25 secured in a

frame 11 provided with sidewalls 12. In the interior that is defined by the baseplate 25 and the sidewalls 12, diffusor member 13 is arranged that is comprised of a potting compound of light-transmissive material. The free top surface of the diffusor member 13 forms the surface 14 that is to be illuminated. In the illustrated embodiment, one of the sidewalls 12 secures a printed circuit board 24 provided with several LEDs 16. Accordingly, the LEDs 16, when looking onto the illumination surface 14, are completely covered by the backside of the printed circuit board 24 so that there is no disruptive effect of light radiation with regard to the illuminated surface 14. Reference numeral 16a shows the connecting wires for connecting the LEDs 16 to a current supply. A reflective body 22 is arranged in the interior. Its surface 23 has an upward slant and reduces the size of the diffusor member 13. Because of the reflective surface 23, the radiation of the light emitted by the LEDs 16 is reflected in the direction toward the illumination surface 14.

The article published by Elcos AG in the journal design & Elektronik (reference 4) provides an overview of the development within the field of seven segments displays and discloses an innovative design off a surface mounted display as shown in the illustrations on pages three and four. The photograph at the top of page for shows the results of the solder test (see bottom of page 3): the top wrote shows the SMD display elements after soldering and the bottom row shows conventional display elements that are severely damaged by the soldering process.

It is respectfully requested that the fee of $180.00 required for submitting this Statement be charged to Deposit Account 50-1199.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted November 21, 2003,

Gudrun E. Huckett

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GEH
Enclosures: [x] PTO 1449 [x] reference(s) [x] fee

Duplicate

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (Large Entity)	Docket No. SLA0710

In Re Application Of: **Sheng Teng Hsu, Wei Pan, Wei-Wei Zhuang and Fengyan Zhang**

Serial No.	Filing Date	Examiner	Group Art Unit
10/376,796	02/27/2003	David Vu	2818

Invention: **1R1D R-RAM Array with Floating P-Well**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of 10/22/03 (Date) above-identified application.

The requested extension is as follows (check time period desired):

☒ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: November 22, 2003 (Date) until: December 22, 2003 (Date)

The fee for the extension of time is $110 and is to be paid as follows:

☐ A check in the amount of the fee is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 19-1457
A duplicate copy of this sheet is enclosed.

☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 19-1457
A duplicate copy of this sheet is enclosed.

Signature

Dated: November 25, 2003

David C. Ripma, Patent Counsel
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I certify that this document and fee is being deposited on FAXED with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

cc:

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PTO 1449	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	**Application Number**	09/869,184
	Filing Date	6/20/2001
	First Named Inventor	Marcus Menden
	Group Art Unit	2875
Date submitted: 11/21/03	**Examiner Name**	Anabel Ton
Sheet 1 of 1	**Attorney Docket No.**	E02P01US

U. S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date
	1	5,388,357	2/14/1995	Mark Malita	40	570	4/8/1993

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document No.	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	2	689 339	2/28/1999	Switzerland				X
	3	42 37 107	10/6/1994	Germany				X

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Name of Author (in CAPITAL LETTERS), Title of Article, Title of Item (Book, Journal, etc.), Date, Page(s), Volume or Issue No., Publisher, City and/or Country Where Published
	4	ELCOS AG (company publication), Erste Siebensegment - SMD - Anzeige Innovation aus BAyern, Design & Elektronik, August 1999, Germany

Examiner Signature		Date Considered	